

0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form-PCT/RO/101 PCT Request	
0-4-1	Prepared using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.150)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Japan Patent Office (RO/JP)
0-7	Applicant's or agent's file reference	F009284WO00
I	Title of Invention	CHEMICAL-AGENT SPRAY SYSTEM, CHEMICAL-AGENT SPRAY APPARATUS, CHEMICAL-AGENT SPRAY UNIT, AND CHEMICAL-AGENT CARTRIDGE
II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name:	SEIKO EPSON CORPORATION
II-5	Address:	4-1, Nishi-Shinjuku 2-chome Shinjuku-ku, Tokyo 1630811 Japan

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II-6	State of nationality	JP
II-7	State of residence	JP
II-11	Applicant's registration No. with the Office	000002369
III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	ITO, KIYOSHI
III-1-5	Address:	c/o SEIKO EPSON CORPORATION 3-5, Owa 3-chome Suwa-Shi, Nagano 3928502 Japan
III-1-6	State of nationality	JP
III-1-7	State of residence	JP
III-2	Applicant and/or inventor	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	YAMADA, MANABU
III-2-5	Address:	c/o SEIKO EPSON CORPORATION 3-5, Owa 3-chome Suwa-Shi, Nagano 3928502 Japan
III-2-6	State of nationality	JP
III-2-7	State of residence	JP
IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	KAMIYAGI, Masataka
IV-1-2	Address:	c/o Intellectual Property Division SEIKO EPSON CORPORATION 3-5, Owa 3- chome Suwa-Shi, Nagano 3928502

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		Japan
IV-1-3	Telephone No.	0266-52-3139
IV-1-4	Facsimile No.	0266-52-3243
IV-1-6	Agent's registration No. with the Office	100095728
IV-2	Additional agent(s)	additional agent(s) with the same address as first named agent
IV-2-1	Name(s)	FUJITSUNA, Eikichi (100107076); SUZAWA Osamu (100107261)
V	Designation of States	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and where applicable, for the grant of both regional and national patents.	
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	14 March 2003 (14.03.2003)
VI-1-2	Number	2003-070544
VI-1-3	Country	JP
VI-2	Priority claim of earlier national application	
VI-2-1	Filing date	18 August 2003 (18.08.2003)
VI-2-2	Number	2003-294680
VI-2-3	Country	JP
VI-3	Priority claim of earlier national application	
VI-3-1	Filing date	18 August 2003 (18.08.2003)
VI-3-2	Number	2003-294679
VI-3-3	Country	JP

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VI-4	Priority document request The receiving Office is requested to prepare and transmit to the international Bureau a certified copy of the earlier application(s) identified above as Item(s):	VI-1, VI-2, VI-3	
VII-1	International Searching Authority Chosen	Japan Patent Office (JPO) (ISA/JP)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identify of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	4	-
IX-1	Description	35	-
IX-3	Claims	8	-
IX-4	Abstract	1	✓
IX-5	Drawings	19	-
IX-7	TOTAL	67	-
	Accompanying items	paper document(s)	electronic file(s) attached

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IX-8	Fee calculation sheet	✓	-
IX-9	Original separate power of attorney	✓	-
IX-17	PCT-SAFE physical media	-	✓
IX-19	Figure of the drawings which should accompany the abstract	1 (a)	
IX-20	Language of filing of the international application	Japanese	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name		
X-1-2	Name of signatory	KAMIYANAGI, Masataka	
X-1-3	Capacity		

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/JP
10-6	Transmittal of search copy delayed until search fee is paid	

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11-1	Date of receipt of the record copy by the International Bureau	
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